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March 7, 2011 UPS



Linda Roberts, Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE: PETITION NO. 984 - BNE Energy, Inc. petition for a Declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the Construction, maintenance, and operation of a 4.8 MW Wind Renewable Generating facility located on Winsted-Norfolk Road, Colebrook, Connecticut

Dear Ms. Roberts:

Enclosed please find Town of Colebrook's First Set of Interrogatories to BNE Energy, Inc.

DMC/vh Encs.

Cc: Carrie L. Larson, Esq. Paul Corey, Chairman Richard T. Roznoy, Esq. Nicholas J. Harding, Esq. Emily A. Gianquinto, Esq. David R. Lawrence, MD Jeannine Lemelin, LPN Jeffrey and Mary Stauffer Thomas D. McKeon Kristin M. Mow Benjamin C. Mow John R. Morissette Christopher R. Bernard Joaquina Borges King, Esq.

Walter M. Zima



## STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

CONNECTICUT SITING COUNCIL

Petition No.984

Petition of BNE Energy, Inc. for a Declaratory Ruling for the Location, Construction and Operation of a 4.8 MW Wind Renewable Generating Project on Winsted-Norfolk Road in Colebrook, Connecticut ("Wind Colebrook North")

March 7, 2011

## TOWN OF COLEBROOK'S FIRST SET OF INTERROGATORIES TO BNE ENERGY, INC.

The Town of Colebrook ("Colebrook") requests that the Petitioner, BNE Energy, Inc. ("BNE") respond to the following interrogatories:

- 1. In selecting the GE 1.6 MW Wind Turbines proposed for this site, did you consider turbines with towers shorter than 100 meters, or turbines having rotor blades which are shorter in length than 40.3 meters in length?
- 2. If the answer to question 1 is in the affirmative, please describe all wind turbines so considered and describe why such turbines were not selected instead of the GE 1.6 MW Wind Turbines.
- 3. How would the use of a wind turbine having a tower shorter than 100 meters and/or rotor blades shorter than 40.3 meters in length affect potential visibility of the wind turbine facilities both during "leaf-on" conditions and "leaf-off" conditions?

- 4. How would the use of a wind turbine having a tower shorter than 100 meters and/or rotor blades shorter than 40.3 meters in length affect ice throw?
- 5. How would the use of a wind turbine having a tower shorter than 100 meters and/or rotor blades shorter than 40.3 meters in length affect flicker?
- 6. Are there any materials or substances which are components of the wind turbines BNE proposes to use at this site, including without limitation the automatic lubrication system, which if not removed from the site at the end of the useful life of the wind turbine would reasonably be expected to affect water quality standards at the site or on adjacent properties?
- 7. What do industry standards recommend concerning whether and how wind turbines should be decommissioned at the end of their useful life?
- 8. What plans has BNE developed to "decommission" each wind turbine proposed to be used at the end of its useful life?
- 9. What would be the cost in current dollars of each of the following tasks concerning decommissioning and site restoration for the site:
- A. Dismantling and removing the wind turbines and their components, including without limitation all

towers, nacelles, rotor blades, generators, transformers and overhead cables, if any?

- B. Dismantling and removing all underground cables, foundations, buildings and ancillary equipment to a depth of three feet below the surface of the ground?
- C. Dismantling and removing all surface road material?
- D. After such dismantling and removal, the restoration of the site to substantially the same physical condition that existed immediately before construction of the wind turbine facilities?
- 10. What is the process and cost in current dollars of separating the steel present in the wind turbines and/or appurtenances and breaking it down into smaller sizes necessary to obtain the highest prices for scrap steel?
- 11. What is the process and cost in current dollars of removing insulation from copper present in the wind turbines and/or appurtenances and of separating other impurities from it necessary to obtain the highest prices for scrap copper?
- 12. What is the process and cost in current dollars of transporting scrap materials to scrap yards which would purchase such scrap?

 $|\varphi_{ij}(z)| \leq |\varphi_{ij}(z)| \leq n$ 

- 13. What is the process and cost in current dollars of disposing of materials dismantled and/or removed from the site which have no resale value?
- 14. What is the expected "significant tax revenue to the Town of Colebrook" in current dollars described on page 10 of BNE's Petition.

David M. Cusick

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## CERTIFICATION

I hereby certify that a copy of the foregoing document was sent by U.S. mail to the following service list on the  $7^{\rm th}$  day of March, 2011.

Carrie L. Larson
Paul Corey
Jeffrey and Mary Stauffer
John R. Morissette
Christopher R. Bernard
Joaquina Borges King
Richard T. Roznoy
Nicholas J. Harding
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Kristin M. and Benjamin C. Mow
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